

ABSTRACT OF THE DISCLOSURE

A new and improved tool driver having a shaft with a longitudinal axis and opposite ends, a boss is secured at one of the shaft ends by which the tool driver is connected to a rotary tool. A tool collet is secured to the other of the shaft ends by which the tool driver may be driven
5 by a surgical hand piece having a chuck in which the collet may be positioned. The boss is equipped with a securing device of the bayonet type having a latch mechanism which holds the rotary tool on the boss coaxially of the driver during use. In a specific embodiment, the tool driver boss comprises a first partial boss secured to the shaft. A second partial boss having a bore extending therethrough is positioned on the shaft. A stop is positioned on the shaft and a
10 spring is positioned on the shaft between the stop and the second partial boss. The spring urges the two partial bosses together. The partial bosses are moveable from a closed position in which the two bosses are complementary and fully define the boss of the tool driver to an open position in which the two partial bosses are separated. When the two partial bosses are in their closed complementary position, the boss defines a tapered bore extending from the distal end of the
15 boss axially of the shaft. The rotary tool has a diametral bar extending across a bottom tool driver opening with a centrally located circular disc therein. The disc of the rotary tool fits within the bore of tool shaft boss so as to concentrically locate the rotary tool and the tool shaft on the same axis. The latch mechanism holds the tool driver and the tool together in this position, whereby rotary tools of a multitude of sizes can be secured concentrically to the tool
20 shaft when the two partial bosses are separated against the urging of the spring and in their open position, the rotary tool may be placed within and removed from the bayonet type securing device and latch mechanism.